



**FORM PTO-1449 U.S. Department of  
Commerce (Rev. 4/92) Patent and Trademark  
Office**

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use several sheets if necessary)

ATTY. DOCKET NO.

ASA-701-04

TRADEMARK NO.

10/810,812

APPLICANT  
K. TSUKADA et al.

FILING DATE  
March 29, 2004

GROUP  
3737

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

**FOREIGN PATENT DOCUMENTS**

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	ABSTRACT	
						YES	NO
/LNL/	DE 691 14 886 T2	07-1996	Germany				X
/LNL/	EP 0 449 231	10-1991	Europe				

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

/LNL/	WEDENSKY, V.L. et al., "An Eight-channel Neuromagnetometer", Instruments and Experimental Techniques, Vol. 38, No. 1, Part 2, 1995, pages 111-118.
/LNL/	Tsukada et al., "Tangential (x- and y-) Component Measurement of Cardiac Magnetic Field and Comparison with Conventional z-Component Measurement", Tenth International Conference on Biomagnetism, Santa Fe, New Mexico, Feb 17, 1996, pages 565-568.

EXAMINER /Lawrence Laryea/ DATE CONSIDERED 04/01/2007

EXAMINER: Initial if citation is considered, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

(Form PTO-1449 [6-4])

FORM PTO-1449 (REV. 7-80)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. ASA-701-04	SERIAL NO.
LIST OF DOCUMENTS CITED BY APPLICANT (Use several sheets if necessary)		APPLICANT K. TSUKADA et al	
		FILING DATE 03/29/04	GROUP 3737

## U.S. PATENT DOCUMENTS

* EXAMINER INITIAL	DOCUMENT	DATE	NAME	CLASS	SUBCLASS	FILING DATE (If Appropriate)
	AA 5,526,811	06/1996	Lypchuk			
	AB 5,170,119	12/1992	Sekihara et al			
	AC 5,228,443	07/1993	Tatar			
	AD 5,204,624	04/1993	Ueda			
	AE 5,211,178	05/1993	Kado et al			
	AF 5,206,589	04/1993	Kado et al			
	AG 5,285,385	02/1994	Igarashi et al			
	AH 5,426,365	06/1995	Sekihara et al			
	AI 5,752,514	05/1998	Okamura et al			
V	AJ 6,230,037	05/2001	Tsukada et al			
/LNL/	AK 6,477,398	11/2002	Mills			

## FOREIGN PATENT DOCUMENTS

	DOCUMENT	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES <input type="checkbox"/> NO <input type="checkbox"/>
	AL 2-249530	10/05/90	Japan			<input type="checkbox"/> <input type="checkbox"/>
	AM 8-266499	10/15/96	Japan			<input type="checkbox"/> <input type="checkbox"/>
	AN 6-121776	05/06/94	Japan			<input type="checkbox"/> <input type="checkbox"/>
	AO 10-305019	11/17/98	Japan			<input type="checkbox"/> <input type="checkbox"/>
	AP					<input type="checkbox"/> <input type="checkbox"/>

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

AR	JAPANESE JOURNAL OF MEDICAL INSTRUMENTATION Vol. 66, No. 10, 1996, pp. 623-624.		
/LNL/ AS	JOURNAL OF ELECTROCARDIOLOGY, Vol. 9, No. 4, 1976, pp. 426-432.		
/LNL/ AT	Review of the Scientific Instruments, Vol. 66, No. 10, 1995, pp. 5085-5091.		

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**U.S. PATENT DOCUMENTS**

*EXAMINER INITIAL	DOCUMENT	DATE	NAME	CLASS	SUBCLASS	FILING DATE (If Appropriate)
/LNL/ AA	5,642,045	06/1997	Keefe et al			
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	AO					<input type="checkbox"/>	<input type="checkbox"/>
	AP					<input type="checkbox"/>	<input type="checkbox"/>

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)**

AR	Tenth International Conference on Biomagnetism, Feb. 17, 1996, Y. Yoshida et al, p. 351.		
AS	Tenth International Conference on Biomagnetism, Feb. 17, 1996, K. Tsukada et al, p. 248.		
/LNL/ AT	Circulation 63, No. 5, 1981, pp. 1166-1172.		

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	AO					<input type="checkbox"/> <input type="checkbox"/>
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AR	Phys. Med. Biol., Vol. 32, No. 1, 1987, pp. 11-22.
AS	
AT	

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